

LEGEND:

EXPLORATION NUMBER SPT N-VALUE GEOLOGIC CONTACT (APPROXIMATE) AVERAGE GROUNDWATER ELEVATION (12/06/2001 - 02/12/2002)AVERAGE GROUNDWATER ELEVATION (02/19/2002 - 03/25/2009)

NOTES:

- 1. EXISTING FLOODWALL ELEVATIONS TAKEN FROM FLOODWALL DESIGN DRAWINGS; MUESER RUTLEDGE CONSULTING ENGINEERS, FEBRUARY 1996.
- 2. ELEVATIONS REPORTED IN FEET REFERENCE
- 3. NGVD29 = NATIONAL GEODETIC VERTICAL

DATUM 1929 = MEAN HIGH WATER MLW = MEAN LOW WATER = MEAN SEA LEVEL msl

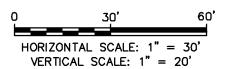
= STANDARD PENETRATION TEST

= WEIGHT OF HAMMER

THESE DATUM COMPARISONS ARE VALID FOR THE PHASE I WORK AREA OF THE PASSAIC RIVER.

-+3.6 FT NGVD29 (MHW) -+0.0 FT NGVD29 (msl) --1.7 FT NGVD29 (MLW)

- 4. CONTACTS BETWEEN GEOLOGIC UNITS ARE APPROXIMATE.
- 5. DESCRIPTIONS OF DENSITY/CONSISTENCY ARE GENERALIZED BASED ON AVERAGE BLOW COUNTS (SPT N-VALUES) FOR THE GEOLOGIC UNIT.
- 6. SURVEY ELEVATIONS AND THE PIERHEAD AND BULKHEAD LINES WERE PROVIDED BY DPK CONSULTING, L.L.C. DATED 10/01/2009.



PHASE I LOWER PASSAIC RIVER STUDY AREA

SEDIMENT EXCAVATION ENCLOSURE **DESIGN ANALYSIS MEMORANDUM**

GENERALIZED SUBSURFACE CROSS SECTION C-C' OF PHASE I WORK AREA

JULY 2011, REVISION 2

FIGURE 3-5